

**Date: 8/ 2/ 2025**

## ***PSYCHOLOGICAL REPORT***

**Referred by: Prof. Amr Hassan**

**Name: Salma Abd Elhamed Ali      Sex: ( ) Male   ( \* ) Female**

**Date of birth: 10 / 5 / 2007**

**Age: 17 yrs. 6 mth.**

**Information resource: Her mother**

### **COMPLAINT:**

**1) Assessment of Intellectual ability.**

### **PSYCHOLOGICAL ASSESSMENT:**

**Previous tests:**

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**Behavior:**

A female right handed student, she has normal activity, cooperative and attentive during the session. Sometimes she was impulsive while responding to the scale.

She has a speech delay; the pronunciation of some letters was not clear.

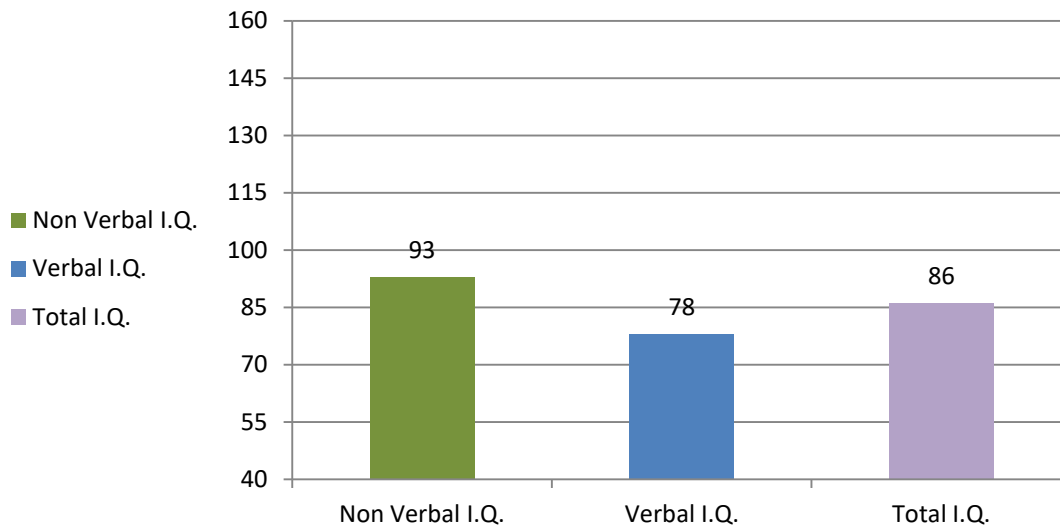
She needed reinforcement and encouragement continuously during the session and this affected her performance positively.

Her performance in non-verbal I.Q., was better than her performance in the verbal I.Q., and this was proved by the results.

**Tests, Results & Assessment:****1- Stanford-Binet Intelligence Scale (Version 5)**

Degree of I.Q.	Standard Score	Percentile Rank	Confidence Interval 95%
Non Verbal I.Q.	93 (average)	33	89-97
Verbal I.Q.	78 (slow learnable)	7	74-82
Total I.Q.	86 (below average)	17	81-91

## I.Q., Stanford-Binet Intelligence Scale (Version 5)



### **Total I.Q.**

Total I.Q. represents the sum of the five factor indexes scores which are evenly distributed between the two fields; the non verbal field and the verbal field. The score which she obtained classifies her within *below average* category of intelligence, this total score measures not only the knowledge gained from school but the sum of the five main aspects of intelligence (Fluid Reasoning, Knowledge, Quantitative Reasoning, Visual-Spatial Processing and Working Memory).

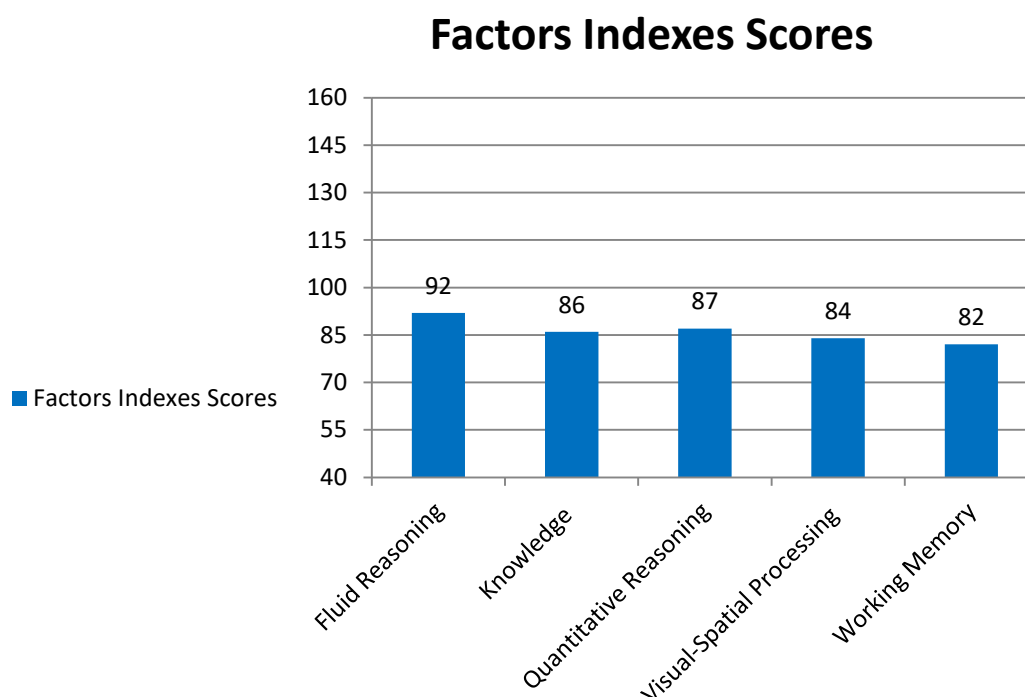
### **Non Verbal I.Q.**

It represents the sum of the five factor indexes scores measured non-verbally; the score which she obtained classifies her within *average* category of intelligence.

### **Verbal I.Q.**

It represents the sum of the five factor indexes scores measured verbally; the score which she obtained also classifies her within *slow learnable* category of intelligence.

Factors Indexes Scores			
Degree of I.Q.	Standard Score	Percentile Rank	Confidence Interval 95%
Fluid Reasoning	92 (average)	30	85-99
Knowledge	86 (below average)	18	79-93
Quantitative Reasoning	87 (below average)	19	82-92
Visual-Spatial Processing	84 (below average)	15	79-89
Working Memory	82 (below average)	11	76-88



According to her factor indexes scores, the student got an average category of intelligence in Fluid Reasoning; which means that she got an average degree in her ability to solve new figural problems, her ability to analyze and explain, using inductive and deductive reasoning abilities. However she got below average category of intelligence in Knowledge, Quantitative reasoning, Visual-Spatial processing and Working Memory; which means that she got below average

degree in her ability to provide information about things, her ability to determine missing or silly details, her ability to apply cumulative information, her ability to define difficult words, her ability to solve initial mathematical problems and her ability to solve increasingly difficult mathematical problems, her ability to solve figural spatial problems, her ability to explain spatial direction to reach a certain image and collecting designs, finally her ability to sort, classify and recall verbal and non-verbal information, sorted in short term memory.

### Sub tests Scores

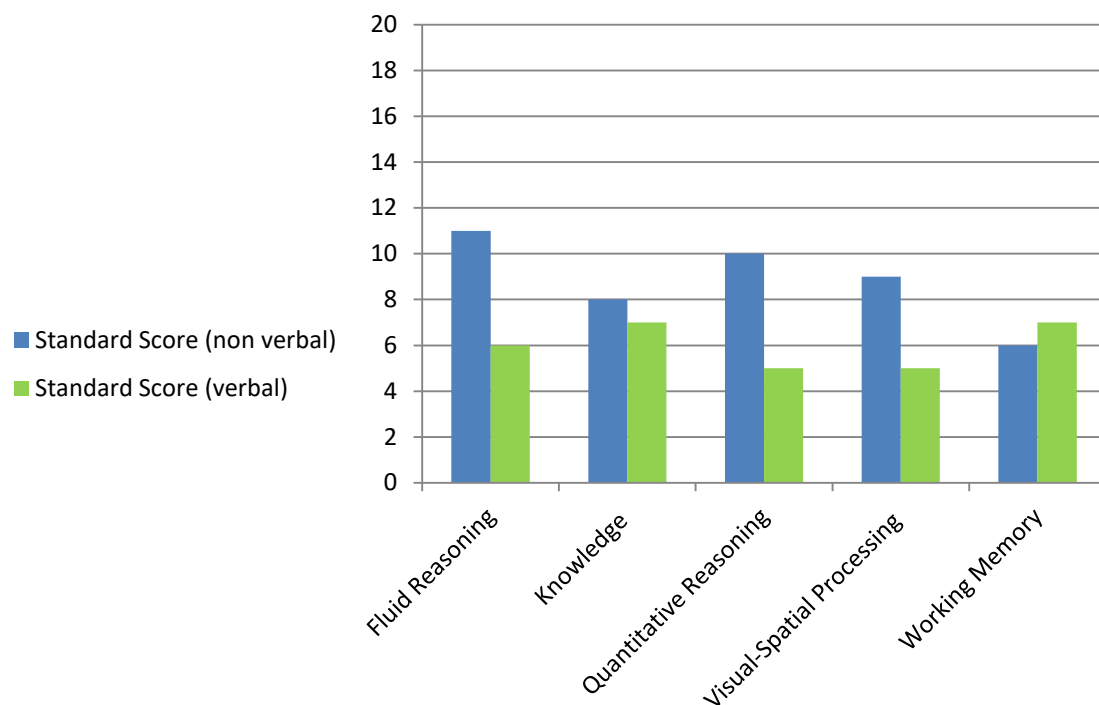
#### **1-Non verbal tests**

Sub tests	Standard Score
Fluid Reasoning	11
Knowledge	8
Quantitative Reasoning	10
Visual-Spatial Processing	9
Working Memory	6

#### **2- Verbal tests**

Sub tests	Standard Score
Fluid Reasoning	6
Knowledge	7
Quantitative Reasoning	5
Visual-Spatial Processing	5
Working Memory	7

N.B. the raw scores are transformed to standard scores with an average of 10 and 3 standard deviation.



### Conclusion:

Our case has 17yrs., 6mth., female, right handed, her total I.Q., classifies her within below average category of intelligence, but her verbal I.Q., classifies her within slow learnable category of intelligence, whereas her non- verbal I.Q., classifies her within average category of intelligence.

### Recommendations:

- 1- Family counseling.
- 2- Conversation session.
- 3- She needs a program to improve some of her mental abilities.
- 4- Follow up.

**Clinical Psychologist**  
**Dr. Lamiaa Bakry**